

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016750.D
 Acq On : 21 Dec 2023 09:04
 Operator : SY/MD
 Sample : 05876-19
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 14:20:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.813	168	124091	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	386708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	481218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	243606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	117582	103.796	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	207.600%#
35) Dibromofluoromethane	7.740	113	142002	64.105	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.200%
50) Toluene-d8	10.197	98	521299	65.281	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	130.560%
62) 4-Bromofluorobenzene	12.495	95	237460	91.658	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	183.320%#

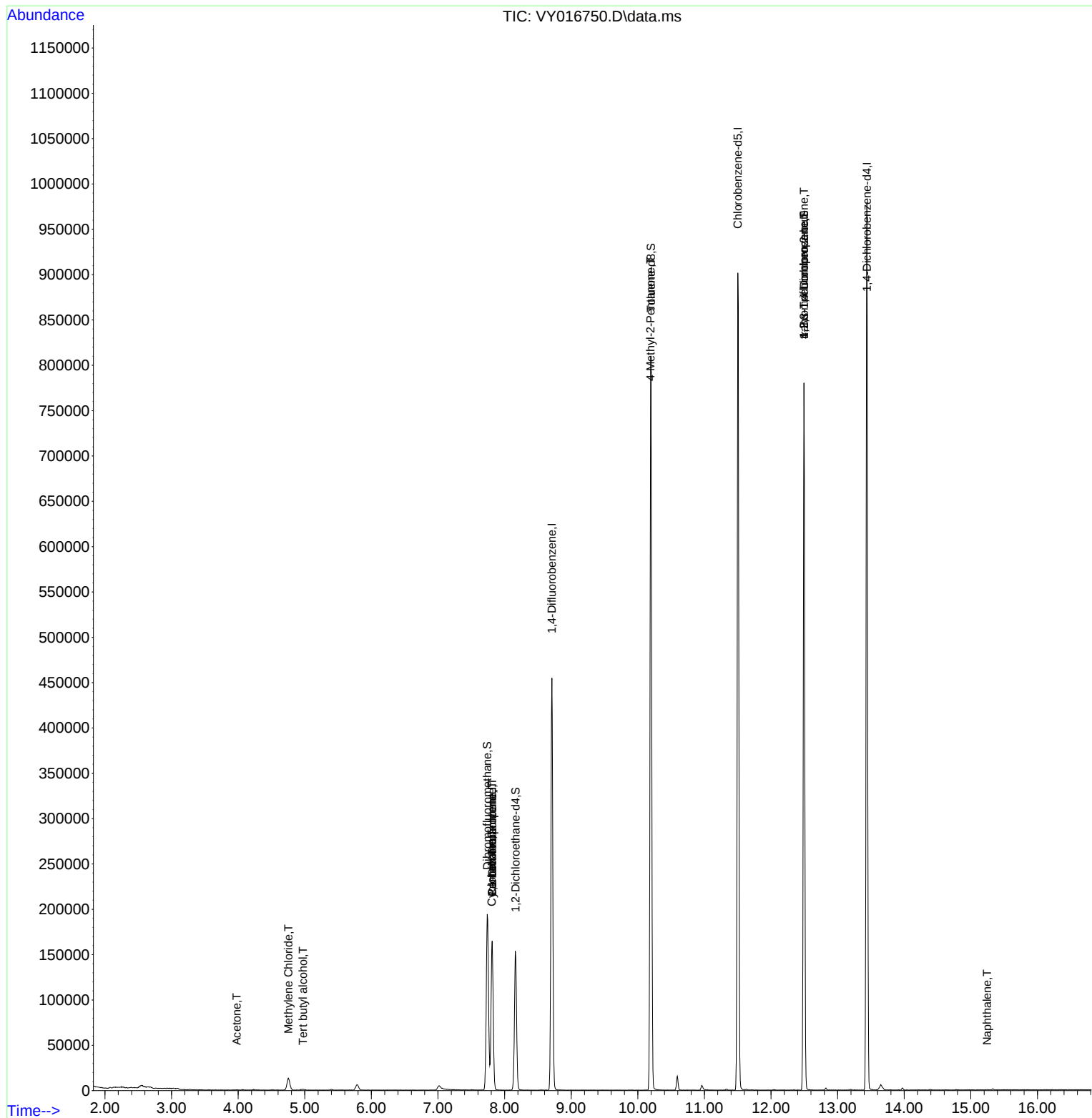
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	953	10.260	ug/l #	75
16) Acetone	3.978	43	549	1.792	ug/l	91
20) Methylene Chloride	4.753	84	9610	3.343	ug/l	92
31) Cyclohexane	7.807	56	2684	1.237	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	11094	3.124	ug/l #	48
38) Carbon Tetrachloride	7.813	117	12493	3.555	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	2140	1.359	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	125281	46.522	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	125281	109.254	ug/l #	12
95) Naphthalene	15.245	128	191	3.617	ug/l #	69

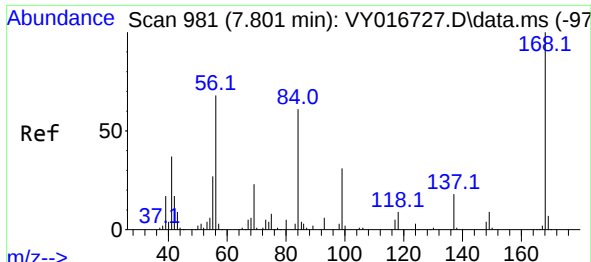
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
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ClientSampleId :

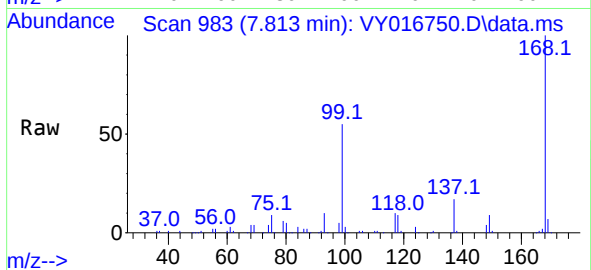
Quant Time: Dec 21 14:20:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



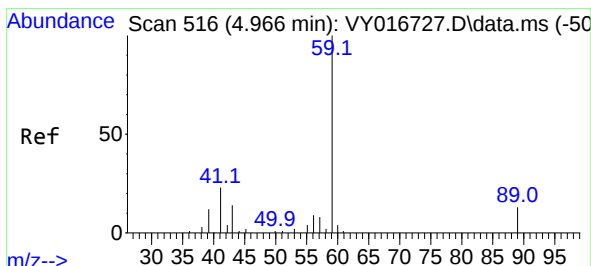
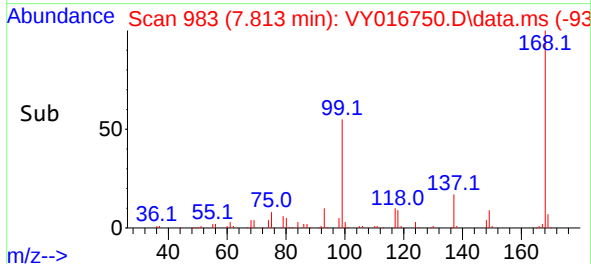
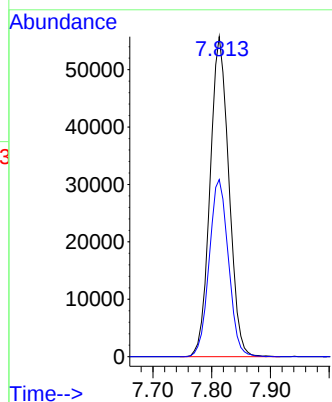


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

Instrument :
MSVOA_Y
ClientSampleId :

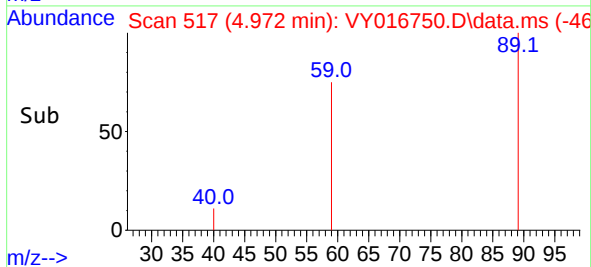
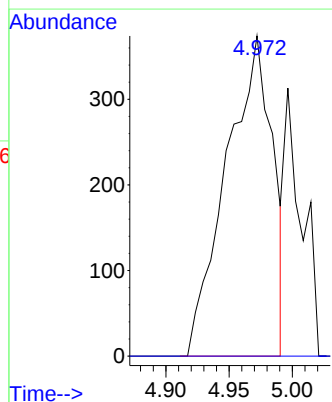
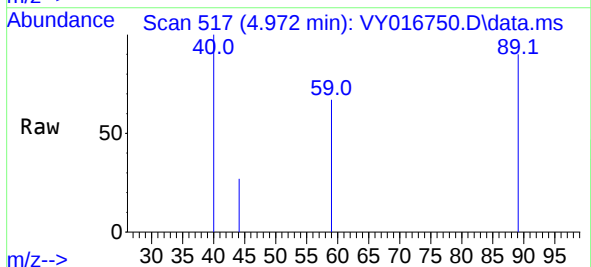


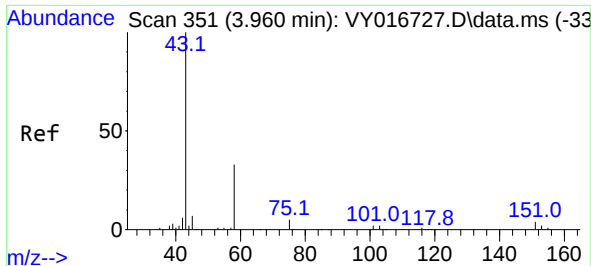
Tgt Ion:168 Resp: 124091
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 10.260 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

Tgt Ion: 59 Resp: 953
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 1.792 ug/l

RT: 3.978 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY016750.D

Acq: 21 Dec 2023 09:04

Instrument :

MSVOA_Y

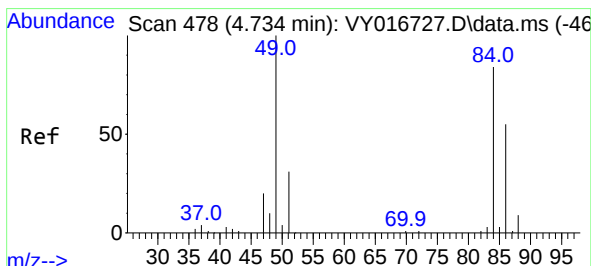
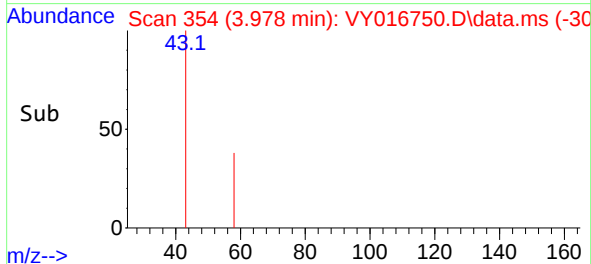
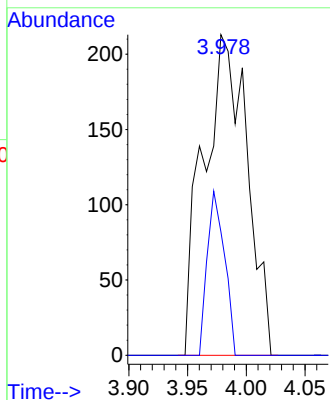
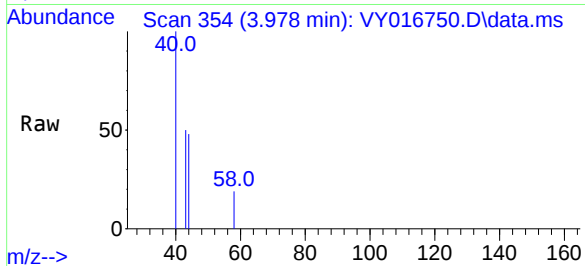
ClientSampleId :

Tgt Ion: 43 Resp: 549

Ion Ratio Lower Upper

43 100

58 38.5 26.6 39.8



#20

Methylene Chloride

Concen: 3.343 ug/l

RT: 4.753 min Scan# 481

Delta R.T. 0.019 min

Lab File: VY016750.D

Acq: 21 Dec 2023 09:04

Tgt Ion: 84 Resp: 9610

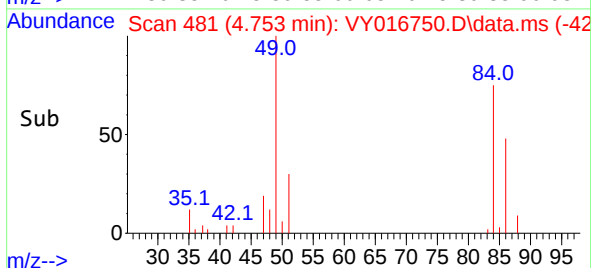
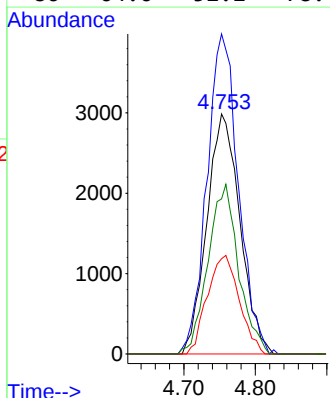
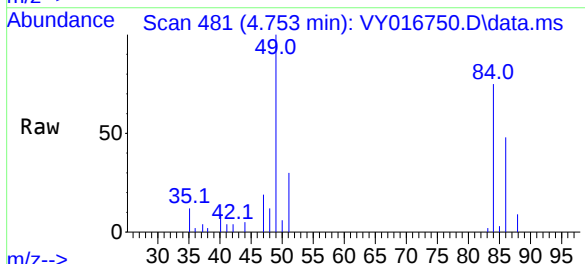
Ion Ratio Lower Upper

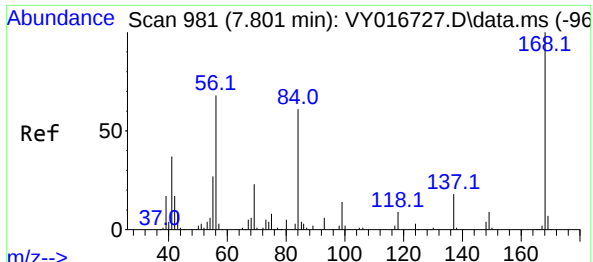
84 100

49 133.3 95.2 142.8

51 39.7 29.9 44.9

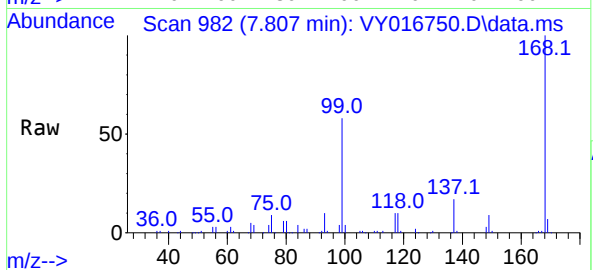
86 64.6 52.2 78.4



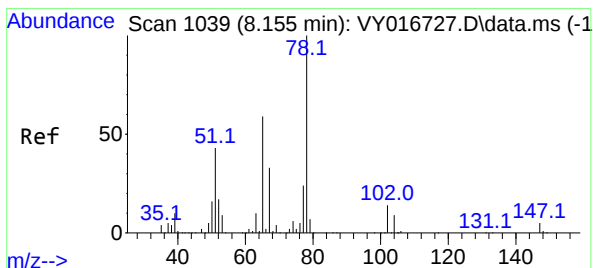
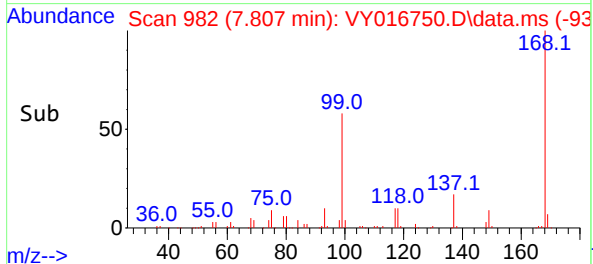
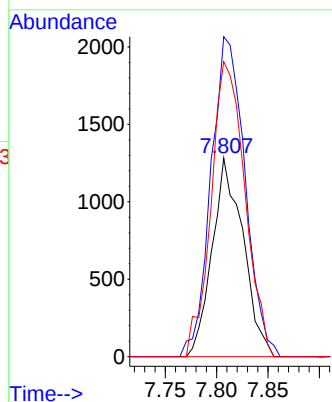


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

Instrument :
MSVOA_Y
ClientSampleId :

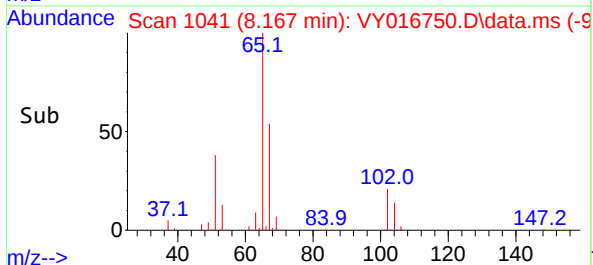
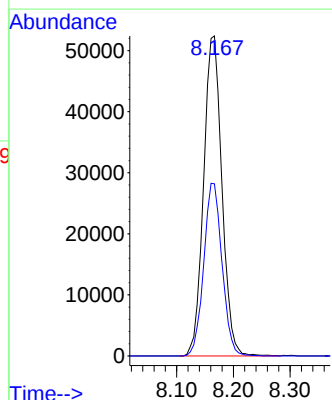
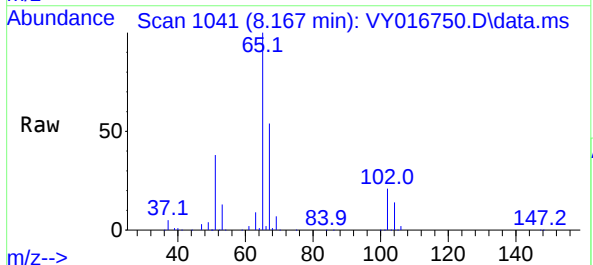


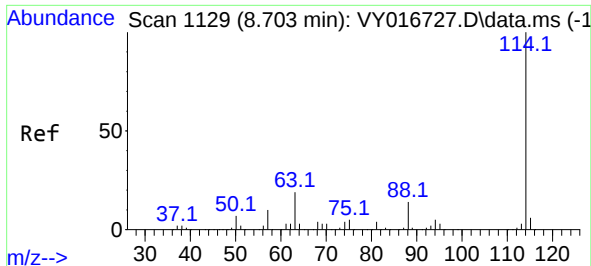
Tgt Ion: 56 Resp: 2684
Ion Ratio Lower Upper
56 100
69 161.0 27.0 40.6#
84 148.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 103.796 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

Tgt Ion: 65 Resp: 117582
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0

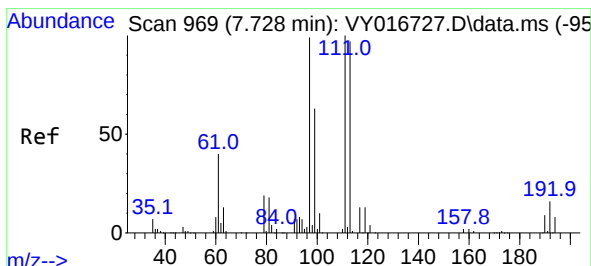
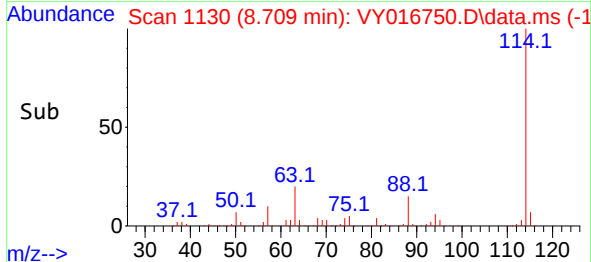
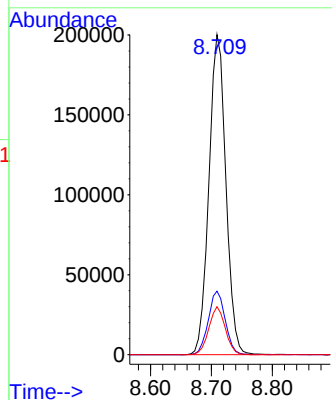
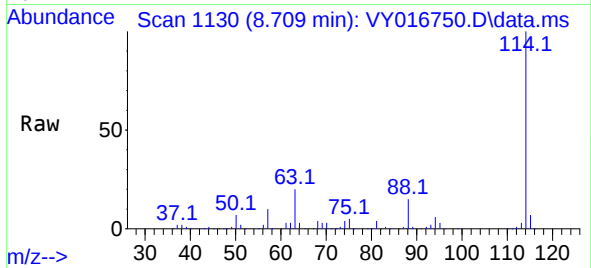




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

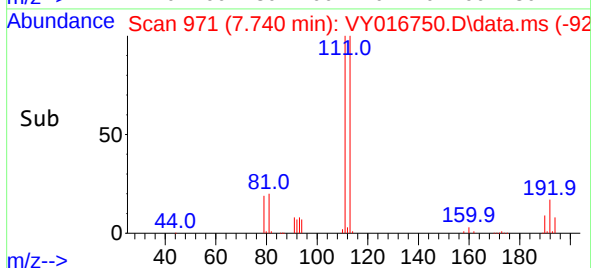
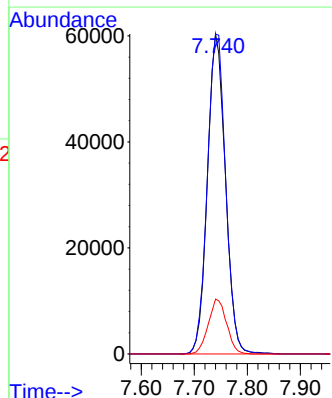
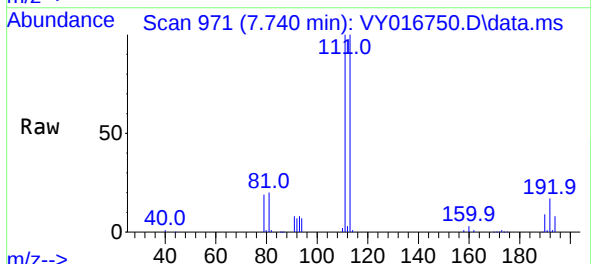
Instrument :
MSVOA_Y
ClientSampleId :

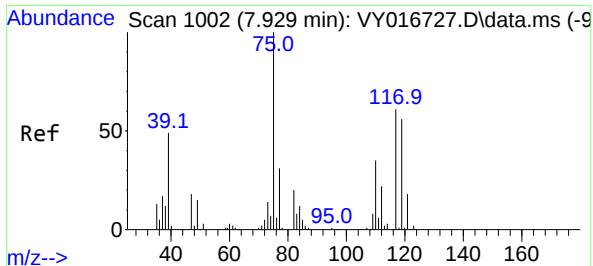
Tgt Ion:114 Resp: 386708
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.0 0.0 29.0



#35
Dibromofluoromethane
Concen: 64.105 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

Tgt Ion:113 Resp: 142002
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 17.5 14.5 21.7





#36

1,1-Dichloropropene

Concen: 3.124 ug/l

RT: 7.813 min Scan# 9

Delta R.T. -0.116 min

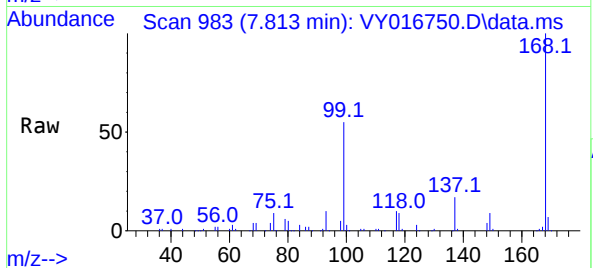
Lab File: VY016750.D

Acq: 21 Dec 2023 09:04

Instrument :

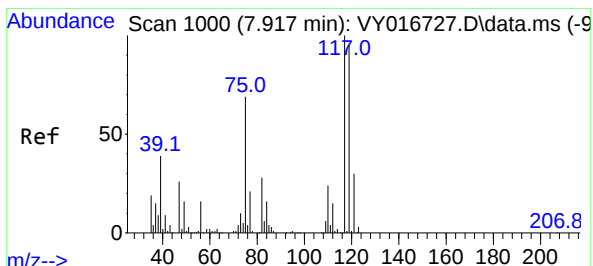
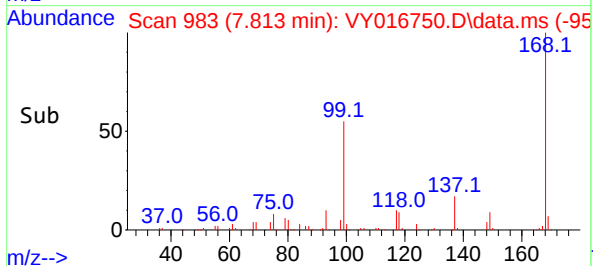
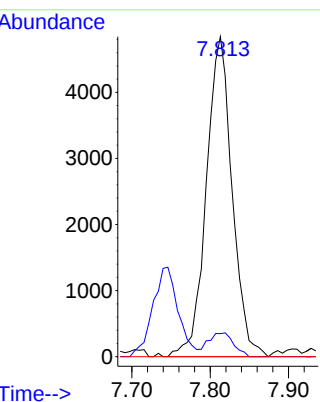
MSVOA_Y

ClientSampleId :



Tgt Ion: 75 Resp: 11094

Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 3.555 ug/l

RT: 7.813 min Scan# 983

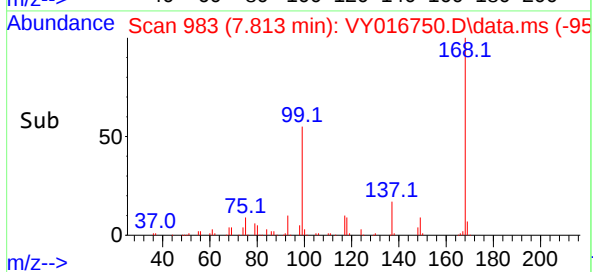
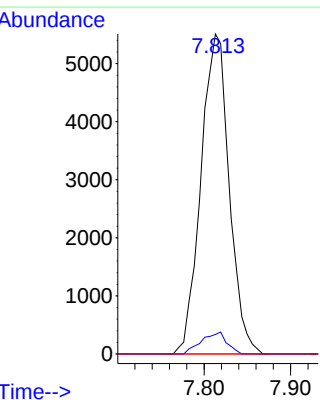
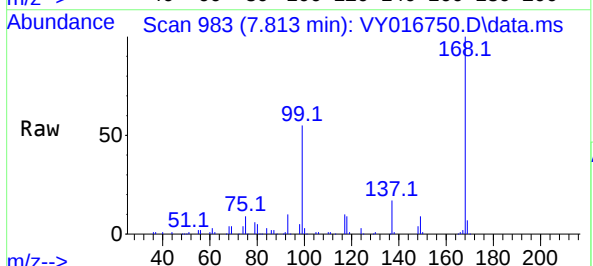
Delta R.T. -0.104 min

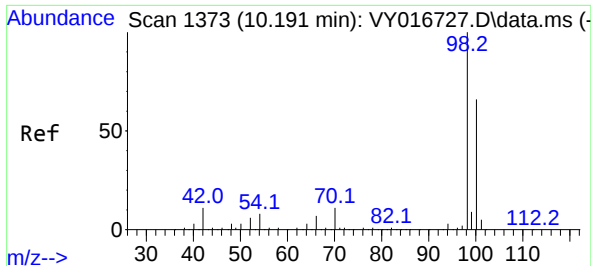
Lab File: VY016750.D

Acq: 21 Dec 2023 09:04

Tgt Ion: 117 Resp: 12493

Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.0	114.0#
121	0.0	24.2	36.2#

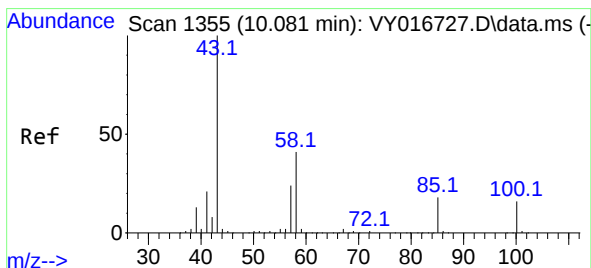
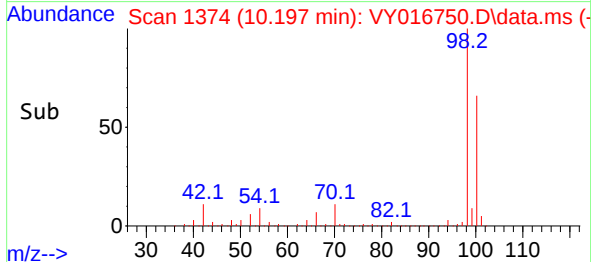
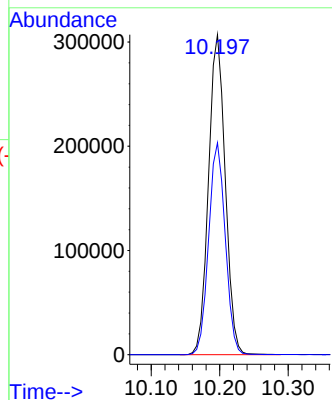
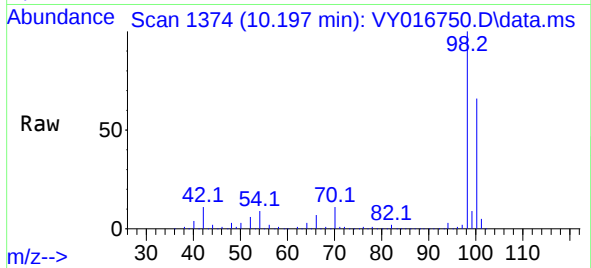




#50
Toluene-d8
Concen: 65.281 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

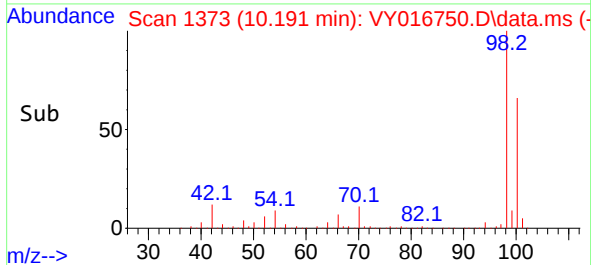
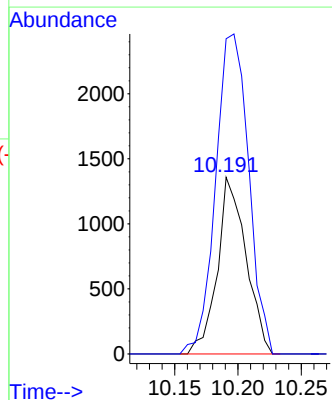
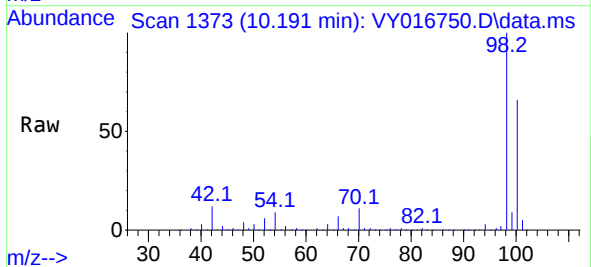
Instrument :
MSVOA_Y
ClientSampleId :

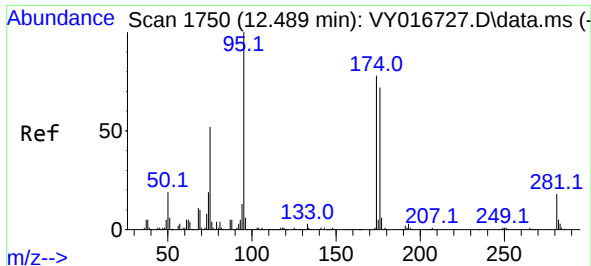
Tgt Ion: 98 Resp: 521299
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.359 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.110 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

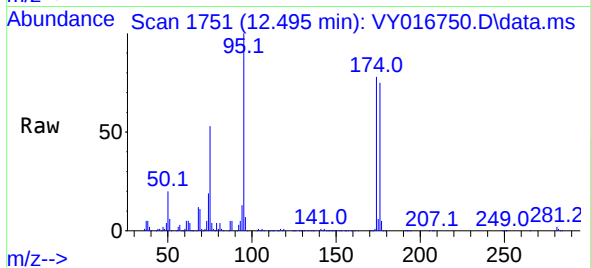
Tgt Ion: 43 Resp: 2140
Ion Ratio Lower Upper
43 100
58 208.4 32.2 48.2#



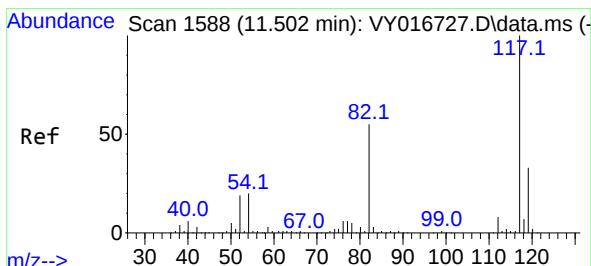
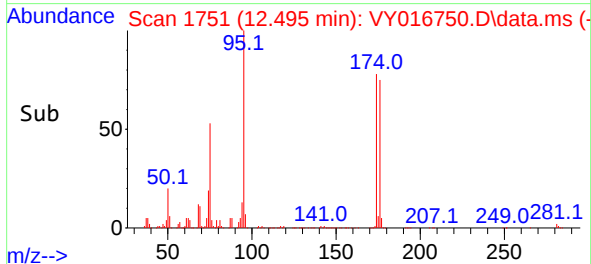
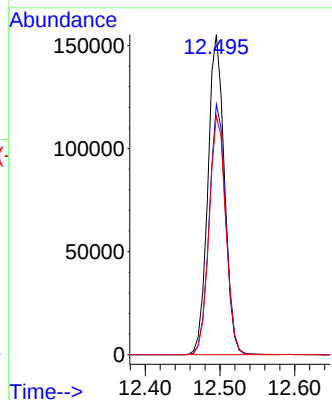


#62
4-Bromofluorobenzene
Concen: 91.658 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

Instrument :
MSVOA_Y
ClientSampleId :

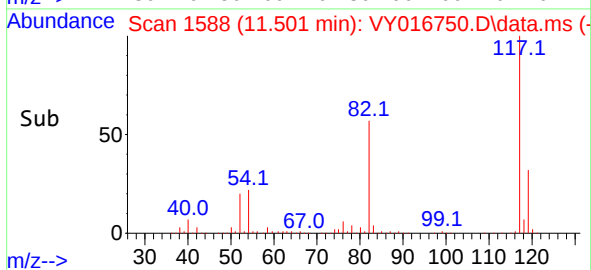
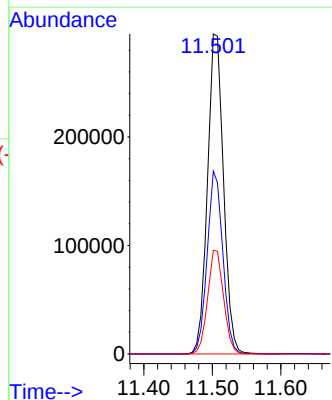
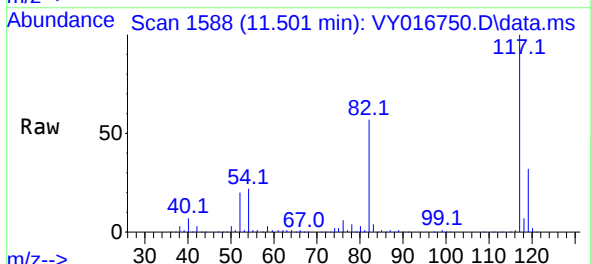


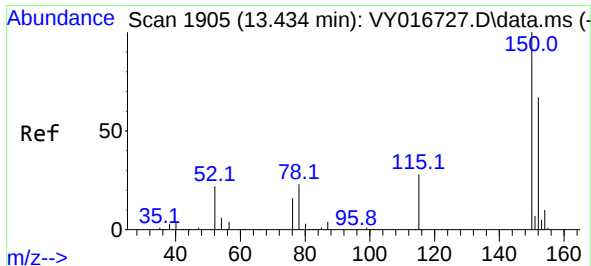
Tgt Ion: 95 Resp: 237460
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.0
176 75.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

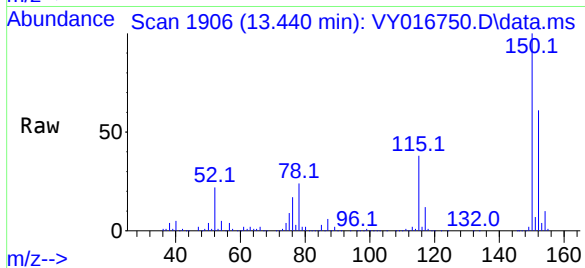
Tgt Ion: 117 Resp: 481218
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 32.4 26.5 39.7



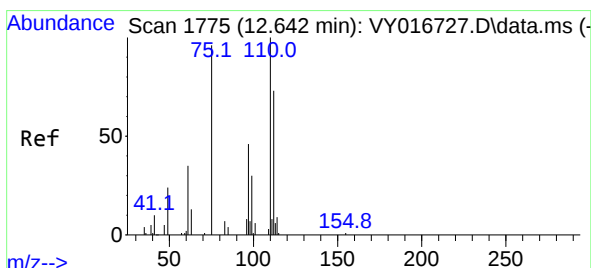
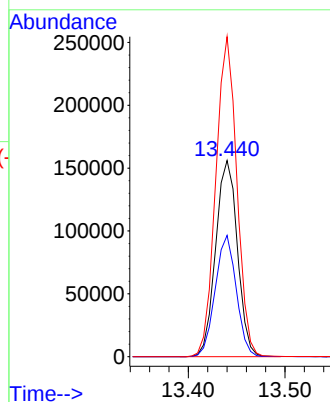
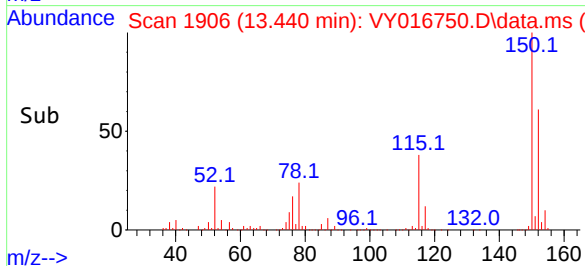


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

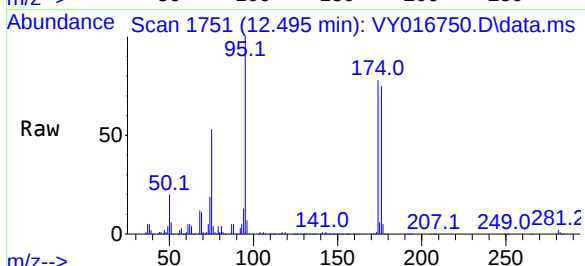
Instrument :
MSVOA_Y
ClientSampleId :



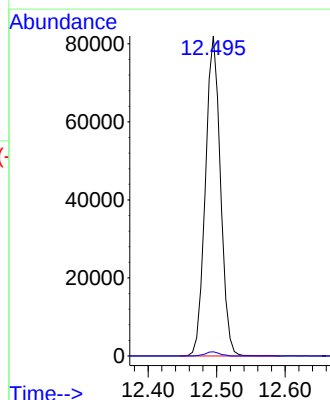
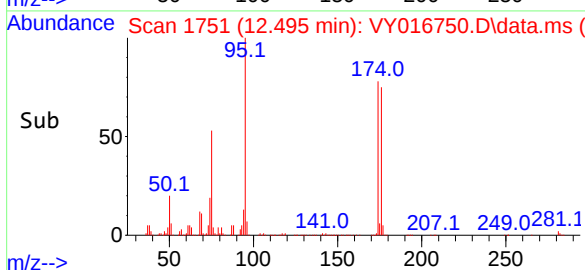
Tgt Ion:152 Resp: 243606
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 157.8 0.0 344.6

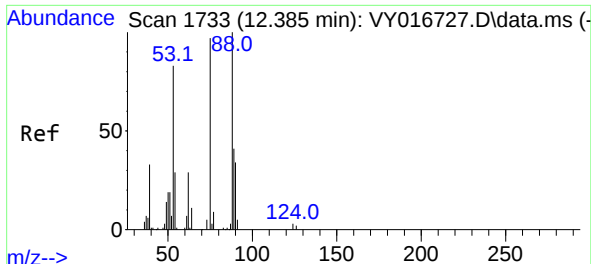


#76
1,2,3-Trichloropropane
Concen: 46.522 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04



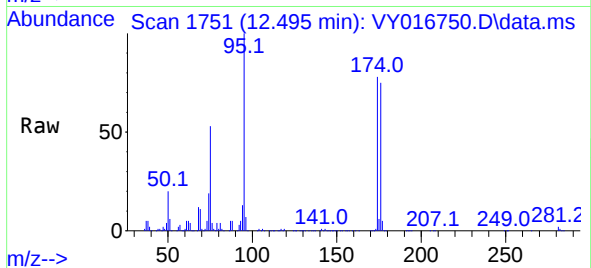
Tgt Ion: 75 Resp: 125281
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



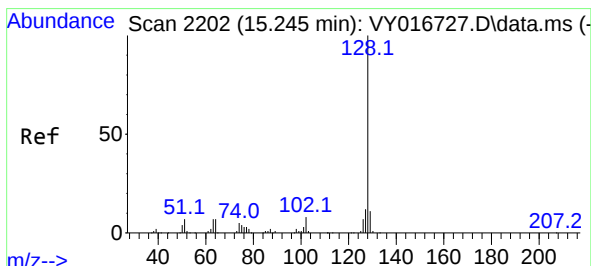
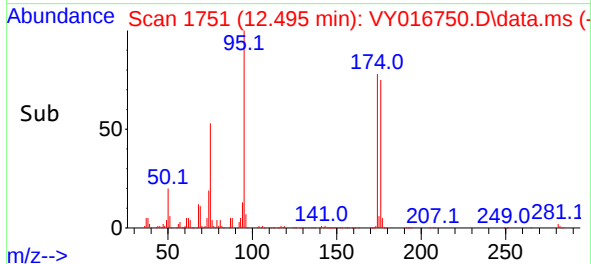
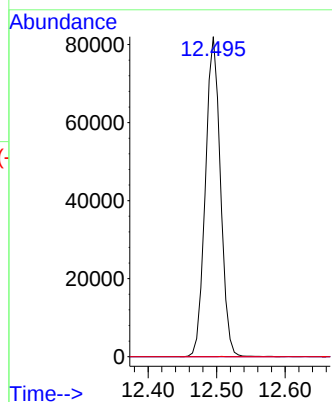


#81
trans-1,4-Dichloro-2-butene
Concen: 109.254 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 125281
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.617 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016750.D
Acq: 21 Dec 2023 09:04

Tgt Ion: 128 Resp: 191
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

